

February 18, 1928

Mr. D. P. Wardwell,
U. S. Geological Survey,
Casper, Wyoming

Subject: Operations on Permit Salt Lake 034754
(Homer McCarty).

Dear Mr. Wardwell:

The above permit will be cancelled April 7, 1928 by letter of February 1, 1928. There is a well on this permit which was on the 1927 Status Sheets, Line 37, but permit number and range were incorrect, according to U. S. Geological Survey Bulletin 541-D. Hence no request was made by Washington for a status report.

The well is Crescent Oil Company Well #1, NW NE Sec. 20, T. 21 S., R. 17 E., Grand County, Crescent Field, Utah, on the 1928 status sheets. The well has not been visited by this office.

The following quotation from U. S. Geological Survey Bulletin 541-D, Page 7, "Oil and Gas Near Green River, Utah" is the extent of our data on this well:

"The Collins well, in the NW. $\frac{1}{4}$ NE. $\frac{1}{4}$ sec. 20, T. 21 S., R. 17 E., was drilled by the Crescent Oil Co., with a National rig to a depth of 2,100 feet. Drilling began September 12, 1912, and was discontinued about March, 1913, on account of a strong flow of salt water that issued from the top of the well and could not be cased off without considerable difficulty. The well penetrated 850 feet of Mancos shale and then passed through the Dakota sandstone and McElmo formation and 100 to 150 feet into the La Plata sandstone, which, being coarse grained, is an excellent carrier of water. Gas was obtained in white sand (probably Dakota) at 850 feet and again in similar material at 976 feet. Gas associated with salt water was encountered at 1,840 feet and dry gas at 1,980 feet. Rainbow colors on the water accompanied each flow of gas."

If it is possible to hold the permittee responsible for this old operation it will be necessary to notify the Washington office immediately, so that the bond or cancellation can be withheld. In that case, an inspection will be necessary by this office as to the present condition of the well.

Yours truly,

H. C. Barton,
Associate Petroleum Technologist

HC:jam

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Crescent Drilling Co (Dr. Collins Well #1,
NW NW NE Sec. 20 - 21S-17E (S.L. - 034754)

Grand County, Utah. List #7, 1928 State
Sheets.

12 $\frac{1}{2}$ " casing shows above the ground 2 feet.
The hole is plugged with rocks and sticks
10' below the surface.

150' N.E. of well is 4"x4" wooden corner
being north quarter corner of sec. 20.

Take trail from main road 2^{mi} east of
Greenriver just before crossing D. & R.G.
tracks and follow along north side of
tracks about $\frac{3}{4}$ mile. Well is 600'
north and 300' East of East of curve in
R.R.

no evidence of water, oil, or gas could
be detected coming from the hole.

(visited by H. A. Barton 3-6-28)

Ed Dufford, Greenriver, Utah in charge
of drilling.

See U.S.G. S. Bulletin 541-D.

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Crescent Drilling Company
Well No. 1, NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, T. 21 S., R. 17 E.
Ref. No. 1

	<u>ELEVATION</u>	4200' ?
No information in Salt Lake City files.	<u>SURFACE</u>	Mancos
	<u>LOWEST</u>	Entrada
	T. D.	2100'

" . . . was drilled . . . to a depth of 2100'. Drilling began September 12, ¹⁹¹² and was discontinued about March, 1913, on account of a strong flow of salt water that issued from the top of the well and could not be cased off without considerable difficulty. The well penetrated 850 feet of Mancos shale and then passed through the Dakota sandstone and MoElmo formation and 100 to 150 feet into the La Plata sandstone, which, being coarse grained, is an excellent carrier of water. Gas was obtained in white sand (probably Dakota) at 850 feet and again in similar material at 976 feet. Gas associated with salt water was encountered at 1,840 feet and dry gas at 1980 feet . . ." (USGS Bulletin No. 541, p. 119-120)